

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|--------------------|------------------|---------|---------------------|
| S2 | 1 | 10/583529.app. | US-PGPUB; USPAT | OR | ON | 2009/03/26 17:58 |
| S3 | 4 | transmitter near3 (multiple near3 subchannel) same adapt | US-PGPUB; USPAT | OR | ON | 2009/03/26 18:11 |
| S4 | 267474 | orthogonal | US-PGPUB; USPAT | OR | ON | 2009/03/26 18:22 |
| S5 | 3 | transmitter with (adapt adaptation) with (subchannel sub \$1channel) with (modulat\$3 coding pilot power) same (CQI (channel adj condition)) | US-PGPUB; USPAT | OR | ON | 2009/03/26 18:23 |
| S6 | 3 | transmitter with (adapt adaptation) with (subchannel sub \$1channel) same (modulat\$3 coding pilot power) same (CQI (channel adj condition)) | US-PGPUB; USPAT | OR | ON | 2009/03/26 18:25 |
| S7 | 3 | transmitter with (adapt adaptation) same (subchannel sub \$1channel) same (modulat\$3 coding pilot power) same (CQI (channel adj condition)) | US-PGPUB; USPAT | OR | ON | 2009/03/26 18:25 |
| S8 | 3 | transmitter same (adapt adaptation) same (subchannel sub\$1channel) same (modulat\$3 coding pilot power) same (CQI (channel adj condition)) | US-PGPUB; USPAT | OR | ON | 2009/03/26 18:25 |
| S9 | 7 | transmit\$3 same (adapt adaptation) same (subchannel sub\$1channel) same (modulat\$3 coding pilot power) same (CQI (channel adj condition)) | US-PGPUB; USPAT | OR | ON | 2009/03/26 18:25 |
| S10 | 8 | transmit\$3 same (adapt adaptation) same (subchannel sub\$1channel) same (CQI (channel adj condition)) | US-PGPUB; USPAT | OR | ON | 2009/03/26 18:27 |
| S11 | 19033 | transmit\$3 same (adapt adaptation) (subchannel sub \$1channel) same (CQI (channel adj condition)) | US-PGPUB; USPAT | OR | ON | 2009/03/26 18:28 |
| S12 | 9 | transmit\$3 same (adapt adaptation) same3 (subchannel sub\$1channel) same (CQI (channel adj condition)) | US-PGPUB; USPAT | OR | ON | 2009/03/26 18:28 |

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|-----|------|---|--------------------|----|----|---------------------|
| S13 | 3358 | S4 and S11 | US-PGPUB; USPAT | OR | ON | 2009/03/26 18:30 |
| S14 | 2 | 10/079778.app. | US-PGPUB; USPAT | OR | ON | 2009/03/26 18:33 |
| S20 | 49 | orthogonal same (adapt\$5 with subchannel) | US-PGPUB; USPAT | OR | ON | 2009/03/27 09:21 |
| S21 | 1 | "5904283".pn. | US-PGPUB; USPAT | OR | ON | 2009/03/27 09:27 |
| S22 | 1 | "6904283".pn. | US-PGPUB; USPAT | OR | ON | 2009/03/27 09:27 |
| S23 | 1 | "5442660".pn. | US-PGPUB; USPAT | OR | ON | 2009/03/27 09:31 |
| S24 | 13 | orthogonal same ((adapt\$5 AMC MCS) with subchannel) not S20 | US-PGPUB; USPAT | OR | ON | 2009/03/27 09:57 |
| S25 | 501 | ((adapt\$5 AMC MCS) with subchannel) not (S20 S24) | US-PGPUB; USPAT | OR | ON | 2009/03/27 10:01 |
| S26 | 50 | ("20070230324" "20070260956" "5353307" "5712850" "6473506" "7313737" "7324589" "7345989" "7463867" "7471620" "7499515" "20040068748" "20040153898" "20040184482" "20050152328" "20060041918" "20060067256" "20060166626" "20070230461" "20070286196" "20080152061" "20080219366" "20080267168" "20090060014" "7480341" "20060115014" "20040131038" "20050286402" "20060018336" "20060072510" "20060093061" "20060109923" "20060146920" "20060268983" "20060287743" "20070008943" "20070071147" "20070097887" "20070191065" "20070206698" "20070291638" "20080043677" "20080043874" "20080080405" "20080080431" "20080080634" "20080119213" "20080125051" "20080130582" "20080153428").pn. | US-PGPUB; USPAT | OR | ON | 2009/03/27 10:04 |
| S27 | 0 | "60536071".app. | US-PGPUB; USPAT | OR | ON | 2009/03/27 10:11 |
| S28 | 0 | "60/536071".app. | US-PGPUB; USPAT | OR | ON | 2009/03/27 10:11 |

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|-----|------|--|--------------------|----|----|---------------------|
| S29 | 1 | 10/358439.app. | US-PGPUB; USPAT | OR | ON | 2009/03/27 10:26 |
| S30 | 50 | ("20070230324" "5381449" "20030002450" "20060109926" "20080107048" "7391750" "20050025039" "20050063336" "20050068884" "20050111429" "20050201295" "20060116080" "20060148411" "20060153112" "20070032199" "20070115880" "20070121547" "20070189214" "20080101275" "20070189240" "6684064" "7010282" "7260054" "7502600" "20010041547" "20030223354" "20040106385" "20060166630" "7197021" "7236474" "7333546" "20030039217" "20030043778" "20030095532" "20030123396" "5519730" "6172993" "7103020" "7120199" "7188300" "20020164980" "20020167969" "20030003863" "20080232340" "20070072552" "6285887" "20060046789" "5987326" "7027523" "7333560").pn. | US-PGPUB; USPAT | OR | ON | 2009/03/27 10:30 |
| S31 | 0 | 09/06376512/255404 | US-PGPUB; USPAT | OR | ON | 2009/04/02 16:08 |
| S32 | 110 | li-xiaodong.in. | US-PGPUB; USPAT | OR | ON | 2009/04/02 16:39 |
| S33 | 102 | S32 and (index pilot adapt\$5) | US-PGPUB; USPAT | OR | ON | 2009/04/02 16:40 |
| S34 | 102 | S32 and (index pilot adapt\$5).bi. | US-PGPUB; USPAT | OR | ON | 2009/04/02 16:41 |
| S35 | 35 | S32 and (index pilot adapt\$5).clm. | US-PGPUB; USPAT | OR | ON | 2009/04/02 16:42 |
| S36 | 37 | lo-titus.in. | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:16 |
| S37 | 1066 | S36 and (index pilot adapt\$5 cqj)".clm" | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:16 |
| S38 | 1066 | S36 and (index pilot adapt\$5 cqj)".clm" | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:18 |
| S39 | 26 | S36 and (index pilot adapt\$5 cqj).clm. | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:18 |

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|-----|--------|---|--------------------|----|----|---------------------|
| S40 | 21 | li-kemin.in. | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:23 |
| S41 | 640040 | "21" and (index pilot adapt\$5 cqj).clm. | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:23 |
| S42 | 640040 | "21" and (index pilot adapt\$5 cqj).clm. | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:24 |
| S43 | 742 | "L21" and (index pilot adapt\$5 cqj).clm. | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:24 |
| S44 | 742 | "L21" and (index pilot adapt\$5 cqj).clm. | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:24 |
| S45 | 742 | (index pilot adapt\$5 cqj).clm. and "l21" | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:24 |
| S46 | 17 | S40 and (index pilot adapt\$5 cqj).clm. | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:24 |
| S47 | 9 | huang-haiming.in. | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:27 |
| S48 | 8 | S47 and (index pilot adapt\$5 cqj).clm. | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:27 |
| S49 | 4334 | (cqj (channel adj (condition state information))) same (AMCTP AMTP AMCT AMCS AMT (modulat\$3 near(cod\$3 power pilot power TPC))) | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:41 |
| S50 | 2443 | S49 and @ay< "2005" | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:41 |
| S51 | 1693 | (cqj (channel adj (condition state information))) same (modulat\$3 near(cod\$3 power pilot power TPC)) | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:42 |
| S52 | 2901 | transmit adj control adj information | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:42 |
| S53 | 3 | S51 same S52 | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:42 |
| S54 | 1899 | (cqj (channel adj (condition state information))) same (MCS (modulat\$3 near(cod\$3 power pilot power TPC))) | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:55 |
| S55 | 115 | S54 and S52 | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:56 |

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|-----|--------|---|--------------------|----|----|---------------------|
| S56 | 12 | S54 same S52 | US-PGPUB; USPAT | OR | ON | 2009/04/02 17:56 |
| S57 | 532279 | S42 and @ay< "2005" | US-PGPUB; USPAT | OR | ON | 2009/04/02 18:09 |
| S58 | 4 | S56 and @ay< "2005" | US-PGPUB; USPAT | OR | ON | 2009/04/02 18:09 |
| S59 | 8141 | transmit near2 control near2 information | US-PGPUB; USPAT | OR | ON | 2009/04/02 18:10 |
| S60 | 19 | S54 same S59 | US-PGPUB; USPAT | OR | ON | 2009/04/02 18:10 |
| S61 | 2 | 10/287241.app. | US-PGPUB; USPAT | OR | ON | 2009/04/02 18:13 |
| S62 | 1053 | adapt\$3 near2 (transmi\$5 modulat\$3 cod\$3 pilot power) same (cqj (channel adj (state quality information))) | US-PGPUB; USPAT | OR | ON | 2009/04/03 10:29 |
| S63 | 483 | S62 and @ay< "2005" | US-PGPUB; USPAT | OR | ON | 2009/04/03 10:30 |
| S64 | 677 | S62 and @ay< "2006" | US-PGPUB; USPAT | OR | ON | 2009/04/03 10:30 |
| S65 | 117904 | close\$1 adj loop | US-PGPUB; USPAT | OR | ON | 2009/04/03 10:31 |
| S66 | 50 | S62 same S65 | US-PGPUB; USPAT | OR | ON | 2009/04/03 10:31 |
| S67 | 15 | adapt\$3 near2 (training pilot) same (cqj (channel adj (state quality information))) | US-PGPUB; USPAT | OR | ON | 2009/04/03 10:54 |
| S68 | 1 | "7236474".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/03 12:13 |
| S69 | 1 | "7283498".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/03 12:36 |
| S70 | 1 | "7406336".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/03 12:53 |
| S71 | 2 | 10/678631.app. | US-PGPUB; USPAT | OR | ON | 2009/04/03 12:56 |

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|-----|---------|---|--------------------|----|----|---------------------|
| S72 | 0 | maltzen.in. | US-PGPUB; USPAT | OR | ON | 2009/04/03 13:00 |
| S73 | 6 | maltzen.in. | US-PGPUB; USPAT | OR | ON | 2009/04/03 13:00 |
| S74 | 1 | 10/746265.app. | US-PGPUB; USPAT | OR | ON | 2009/04/03 13:00 |
| S75 | 1 | "7313195".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/03 15:37 |
| S76 | 206 | modulat\$3 with (constellation adj map\$3) | US-PGPUB; USPAT | OR | ON | 2009/04/03 15:45 |
| S77 | 84 | modulat\$3 near3 (constellation adj map\$3) | US-PGPUB; USPAT | OR | ON | 2009/04/03 15:45 |
| S78 | 44 | S77 and @ay< "2005" | US-PGPUB; USPAT | OR | ON | 2009/04/03 15:45 |
| S79 | 0 | "7116944.pn" | US-PGPUB; USPAT | OR | ON | 2009/04/03 15:52 |
| S80 | 4059338 | Das et "al." | US-PGPUB; USPAT | OR | ON | 2009/04/03 15:52 |
| S81 | 0 | "Das et al." | US-PGPUB; USPAT | OR | ON | 2009/04/03 15:52 |
| S82 | 5279 | Das.in. | US-PGPUB; USPAT | OR | ON | 2009/04/03 15:53 |
| S83 | 1 | "6701129".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/03 15:54 |
| S84 | 5 | S68 S69 S70 S74 "7388847".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/03 15:57 |
| S85 | 1 | weight and S84 | US-PGPUB; USPAT | OR | ON | 2009/04/03 15:57 |
| S86 | 1 | "7206332".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/06 16:34 |
| S87 | 102 | deploy with broadcast | US-PGPUB; USPAT | OR | ON | 2009/04/06 16:44 |

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|------|-----|--|--------------------|----|----|---------------------|
| S88 | 34 | ((configur\$5 with \$3channel) same deploy\$4 same broadcast | US-PGPUB; USPAT | OR | ON | 2009/04/06 16:45 |
| S89 | 34 | ((configur\$5 adust) with \$3channel) same deploy\$4 same broadcast | US-PGPUB; USPAT | OR | ON | 2009/04/06 17:10 |
| S90 | 60 | ((configur\$5 adust) same \$3channel) same deploy\$4 same broadcast | US-PGPUB; USPAT | OR | ON | 2009/04/06 17:10 |
| S91 | 62 | ((configur\$5 adjust) same \$3channel) same deploy\$4 same broadcast | US-PGPUB; USPAT | OR | ON | 2009/04/06 17:10 |
| S92 | 28 | S91 not S89 | US-PGPUB; USPAT | OR | ON | 2009/04/06 17:10 |
| S93 | 1 | 10/583529.app. | US-PGPUB; USPAT | OR | ON | 2009/04/06 17:19 |
| S94 | 1 | 10/736698.app. | US-PGPUB; USPAT | OR | ON | 2009/04/06 18:58 |
| S95 | 1 | "20040022176".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/06 19:43 |
| S96 | 1 | "20040010142".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/06 19:51 |
| S97 | 81 | pietraski.in. | US-PGPUB; USPAT | OR | ON | 2009/04/06 19:52 |
| S98 | 215 | lamy.in. | US-PGPUB; USPAT | OR | ON | 2009/04/07 08:51 |
| S99 | 2 | S98 and csi | US-PGPUB; USPAT | OR | ON | 2009/04/07 08:52 |
| S100 | 16 | adapt with (modul\$5 cod\$3) same (pilot with us\$3) | US-PGPUB; USPAT | OR | ON | 2009/04/07 17:07 |
| S102 | 174 | (modul\$5 cod\$3) same (number near2 pilot with us\$3) | US-PGPUB; USPAT | OR | ON | 2009/04/07 17:12 |
| S103 | 10 | cqi with (power near2 (control level)) with (table index) | US-PGPUB; USPAT | OR | ON | 2009/04/07 18:27 |
| S104 | 1 | "7248606".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/07 18:36 |

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|------|-----|--|--------------------|----|-----|---------------------|
| S105 | 1 | "7248606".pn. "7257423".pn "7403513.pn" "7437166.pn" "20040213182.pn" "20050064872.pn" | US-PGPUB; USPAT | OR | ON | 2009/04/07 18:36 |
| S106 | 1 | "7248606".pn. "7257423".pn "7403513".pn "7437166".pn "20040213182".pn "20050064872".pn" | US-PGPUB; USPAT | OR | ON | 2009/04/07 18:37 |
| S107 | 0 | ("7248606,7257423,7403513,7437166").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/07 18:37 |
| S108 | 1 | ("7257423").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/07 18:38 |
| S109 | 1 | ("7403513").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/07 18:38 |
| S110 | 1 | ("7437166").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/07 18:38 |
| S111 | 1 | ("20040213182").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/07 18:38 |
| S112 | 1 | ("20050064872").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/07 18:39 |
| S113 | 0 | S104 and S108 and S109 and S110 and S111 and S112 | US-PGPUB; USPAT | OR | ON | 2009/04/07 18:41 |
| S114 | 110 | li-xiaodong.in. | US-PGPUB; USPAT | OR | ON | 2009/04/08 15:55 |
| S115 | 37 | lo-titus.in. | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:05 |
| S116 | 21 | li-kemin.in. | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:05 |
| S117 | 37 | lo-titus.in. | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:06 |
| S118 | 1 | "7248606".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:07 |
| S119 | 1 | ("7257423").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/08 16:07 |
| S120 | 1 | ("7403513").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/08 16:07 |

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|------|------|--|--------------------|----|-----|---------------------|
| S121 | 1 | ("7437166").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/08 16:07 |
| S122 | 1 | ("20040213182").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/08 16:07 |
| S123 | 1 | ("20050064872").PN. | US-PGPUB; USPAT | OR | OFF | 2009/04/08 16:07 |
| S124 | 0 | S118 and S119 and S120 and S121 and S122 and S123 | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:07 |
| S125 | 6 | S118 S119 S120 S121 S122 S123 S124 | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:07 |
| S126 | 0 | S118 and (pilot adj pattern) | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:07 |
| S127 | 0 | S118 and (pilot with modul\$5) | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:07 |
| S128 | 0 | S118 and (pilot with cod\$3) | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:07 |
| S129 | 1 | S118 and pilot | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:08 |
| S130 | 18 | (pilot near2 pattern) same (modulat\$3 cod\$3) same adapt \$3 | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:09 |
| S131 | 72 | (pilot near2 pattern) with assign\$4 | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:17 |
| S132 | 37 | S131 and @ay<"2005" | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:18 |
| S133 | 544 | plcp and @ay<"2005" | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:25 |
| S134 | 1 | (plcp with pilot) and @ay<"2005" | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:25 |
| S135 | 3757 | (pilot and qpsk)and @ay<"2005" | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:26 |
| S136 | 541 | (pilot with qpsk)and @ay<"2005" | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:27 |

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|------|------|--|--------------------|----|----|---------------------|
| S137 | 541 | S136 and (modulat\$4 cod\$3) | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:27 |
| S138 | 5 | S136 and (ploq) | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:28 |
| S139 | 5984 | qpsk and pilot | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:29 |
| S140 | 3 | tfrc and S125 | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:39 |
| S141 | 1 | "20040022176".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/08 16:48 |
| S142 | 51 | pilot with assign same modulat\$3 | US-PGPUB; USPAT | OR | ON | 2009/04/08 17:05 |
| S143 | 0 | 370/204.ccls 370/207.ccls | US-PGPUB; USPAT | OR | ON | 2009/04/08 17:52 |
| S144 | 121 | 370/204.ccls 370/207.ccls. | US-PGPUB; USPAT | OR | ON | 2009/04/08 17:52 |
| S145 | 28 | (tfci pilot) and S144 | US-PGPUB; USPAT | OR | ON | 2009/04/08 17:53 |
| S146 | 1 | (tfci same pilot) and S144 | US-PGPUB; USPAT | OR | ON | 2009/04/08 17:59 |
| S147 | 6482 | 370/335.ccls. 370/342.ccls. | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:00 |
| S148 | 143 | (tfci with pilot) and S147 | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:00 |
| S149 | 118 | S148 and @ay<"2005" | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:00 |
| S150 | 0 | "the control channel is used in this embodiment to transmit control information including pilot" | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:06 |
| S151 | 0 | "the control channel is used in this embodiment" or "the control channel is used in this embodiment to transmit control information including pilot" | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:07 |
| S152 | 0 | "the control channel is used in this embodiment" | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:07 |

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|------|--------|---|--------------------|----|----|---------------------|
| S153 | 0 | "Contained within slot 400 is pilot data" | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:07 |
| S154 | 611 | "Contained within slot" | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:07 |
| S155 | 147 | S154 and "400" | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:08 |
| S156 | 35 | S155 and (tfci bit) | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:08 |
| S157 | 24 | S155 and (six and ten) | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:08 |
| S158 | 7 | S157 and (tfci and "400") | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:09 |
| S159 | 2286 | 455/69.ccls. | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:18 |
| S160 | 52 | (tfci same pilot) and S159 | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:19 |
| S161 | 39 | (tfci same pilot) and S159 and @ay<"2005" | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:19 |
| S162 | 14 | tfci with cqi | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:28 |
| S163 | 2286 | 455/69.ccls. | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:32 |
| S164 | 3 | (tfci same cqi) and S163 and @ay<"2005" | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:32 |
| S165 | 1 | "7236474".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:32 |
| S166 | 1 | "20040184417".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/08 18:36 |
| S167 | 1 | "20050143125".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:02 |
| S168 | 112169 | "370".das. | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:48 |

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| S169 | 87548 | "375".das. | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:48 |
| S170 | 186649 | S168 S169 | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:48 |
| S171 | 342 | (subchannel sub\$channel sub-channel) near2 configur\$5 | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:48 |
| S172 | 174 | S171 and S170 | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:49 |
| S173 | 40 | (subchannel sub\$channel sub-channel) near2 configur\$5 same (adapt modify broadcast) | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:49 |
| S174 | 15 | S173 and S170 | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:49 |
| S175 | 1 | "7206332".pn. | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:53 |
| S176 | 776 | (subchannel sub\$channel sub-channel) with (adapt modify broadcast) | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:54 |
| S177 | 413 | S176 and S170 | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:54 |
| S178 | 633 | (subchannel sub\$channel sub-channel) with (broadcast) | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:54 |
| S179 | 681 | (subchannel sub\$channel sub-channel) with (adapt with2 broadcast) | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:55 |
| S180 | 370 | S179 and S170 | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:55 |
| S181 | 249 | S180 and @ay< "2005" | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:55 |
| S182 | 29 | ((subchannel sub\$channel sub-channel) near3 configur \$5) with (broadcast) | US-PGPUB; USPAT | OR | ON | 2009/04/08 19:57 |
| S183 | 38 | (sub\$channel with configur\$5) and 370/329.ccls. | US-PGPUB; USPAT | OR | ON | 2009/04/08 20:10 |
| S184 | 1 | ((sub\$channel with configur\$5) same broadcast) and 370/329.ccls. | US-PGPUB; USPAT | OR | ON | 2009/04/08 20:11 |

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|------|--------|---|--------------------|----|----|---------------------|
| S185 | 1 | 10/583529.app. | US-PGPUB; USPAT | OR | ON | 2009/11/05 16:34 |
| S186 | 246 | ("channel quality" cqj) with (index table) with (terminal apparatus ue) | US-PGPUB; USPAT | OR | ON | 2009/11/05 17:51 |
| S187 | 91 | ("channel quality" cqj) with (index table) with (terminal apparatus ue) same (adapt\$3 modulat\$3 cod\$3) | US-PGPUB; USPAT | OR | ON | 2009/11/05 17:51 |
| S188 | 2 | "7257423".pn. "7388847".pn. | US-PGPUB; USPAT | OR | ON | 2009/11/05 18:01 |
| S189 | 0 | S188 and sequence | US-PGPUB; USPAT | OR | ON | 2009/11/05 18:01 |
| S190 | 1 | S188 and prob\$3 | US-PGPUB; USPAT | OR | ON | 2009/11/05 18:01 |
| S191 | 718 | 370/333,204.ccls. | US-PGPUB; USPAT | OR | ON | 2009/11/05 18:59 |
| S192 | 133143 | adapt\$3 with (modul\$3 cod\$3) | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:03 |
| S193 | 8617 | ("channel quality" cqj) | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:03 |
| S194 | 38402 | pilot with (signal symbol pattern subcarrier) | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:05 |
| S195 | 4535 | prob\$3 with sequence with measur\$3 | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:05 |
| S196 | 619 | S192 same S193 | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:07 |
| S197 | 11 | S191 and S196 | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:07 |
| S198 | 407 | S196 and (table index look\$up) | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:08 |
| S199 | 8 | S191 and S198 | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:08 |
| S200 | 268 | S196 and S194 | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:12 |

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|------|--------|---|--|----|----|---------------------|
| S201 | 40 | S196 same S194 | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:12 |
| S202 | 0 | S196 same S195 | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:12 |
| S203 | 0 | S196 and S195 | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:12 |
| S204 | 31 | channel with measur\$5 same prob\$3 adj2 sequence | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:14 |
| S205 | 1 | S204 same adapt\$3 | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:14 |
| S206 | 20 | S204 and adapt\$3 | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:14 |
| S207 | 31 | S204 antransmit\$5 with index with (amc adapt\$5 modul \$3 cod\$3) | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:14 |
| S208 | 3933 | channel with measur\$3 same prob\$3 | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:14 |
| S209 | 75 | S194 with S192 with (combination number times assign \$4) | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:16 |
| S210 | 42 | S194 with S192 with (combination number times assign \$4) with us\$3 | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:16 |
| S211 | 152516 | adapt\$3 with (modul\$3 cod\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/11/05 19:17 |
| S212 | 11487 | ("channel quality" cqi) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/11/05 19:17 |
| S213 | 57013 | pilot with (signal symbol pattern subcarrier) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/11/05 19:18 |
| S214 | 5411 | prob\$3 with sequence with measur\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/11/05 19:18 |

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|------|------|---------------------------------|--|----|----|---------------------|
| S215 | 692 | S211 same S212 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/11/05 19:18 |
| S216 | 413 | S215 and (table index look\$up) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2009/11/05 19:19 |
| S217 | 0 | S216 not S198 | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:20 |
| S218 | 1089 | 370/236.cds. | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:24 |
| S219 | 2 | S218 and S215 | US-PGPUB; USPAT | OR | ON | 2009/11/05 19:25 |
| S220 | 73 | S211 same S212 | EPO; JPO; DERWENT | OR | ON | 2009/11/05 19:25 |
| S221 | 6 | S215 and (table index look\$up) | EPO; JPO; DERWENT | OR | ON | 2009/11/05 19:26 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-----------------------|------------------|---------|------------------|
| S222 | 71 | li-xiadong.in. lo-titus.in. li-kemin.in. huang-haiming.in. neodific\$.as. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/11/05 19:29 |
| S223 | 24 | (adapt\$4 and (signal message) and measur\$5 and prob\$3 and pilot).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/11/05 19:30 |
| S224 | 2 | (adapt\$4 with modulat\$3 and (signal message) and measur\$5 and prob\$3 and pilot).clm. | US-PGPUB; USPAT; UPAD | OR | ON | 2009/11/05 19:31 |
| S225 | 1 | S222 and S223 | US-PGPUB; USPAT; UPAD | OR | ON | 2009/11/05 19:31 |

11/ 6/ 2009 11:03:29 AM

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